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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/588,839	04/17/2008	Roy H. Larsen	50147/008002	1058	
21559 CLARK & ELF	7590 01/18/201 BING LLP	EXAMINER			
101 FEDERAL	STREET		SAMALA, JAGADISHWAR RAO		
BOSTON, MA	02110		ART UNIT	PAPER NUMBER	
			1618		
			NOTIFICATION DATE	DELIVERY MODE	
			01/18/2012	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentadministrator@clarkelbing.com

Corrected Notice of Allowability

Application No.	Applicant(s)	
10/588,839	LARSEN ET AL.	
Examiner	Art Unit	
 JAGADISHWAR SAMALA	1618	

	JAGADI	SHWAR SAMALA	1618					
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REM or other a GHTS. T	AINS) CLOSED in this app ppropriate communication his application is subject to	lication. If not include will be mailed in due	ed course. THIS				
1. \square This communication is responsive to <u>08/18/2011</u> .								
2. \square An election was made by the applicant in response to a rest requirement and election have been incorporated into this action.	riction req	uirement set forth during th	ne interview on	; the restriction				
3. ☑ The allowed claim(s) is/are <u>1,5-11 and 15-17</u> .								
 4. Acknowledgment is made of a claim for foreign priority unde a) All b) Some* c) None of the: 		- , , , , , ,						
 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 								
3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received:		• • • • • • • • • • • • • • • • • • • •		ion from the				
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.			complying with the rec	uirements				
 A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give 				OTICE OF				
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must	be subm	tted.						
(a) 🔲 including changes required by the Notice of Draftspers	on's Pate	nt Drawing Review (PTO-9	948) attached					
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date								
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date								
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the				back) of				
 DEPOSIT OF and/or INFORMATION about the deposit of B attached Examiner's comment regarding REQUIREMENT FC 								
Attachment(s)		5 D Nation of Information	atant Annilia dia n					
 Notice of References Cited (PTO-892) D Notice of Draftperson's Patent Drawing Review (PTO-948) 		5. ☐ Notice of Informal Pa6. ☐ Interview Summary	• •					
2. Motice of Diariperson's Faterit Drawing Neview (F10-946)		Paper No./Mail Date						
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 		7. Examiner's Amendm						
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 		8. X Examiner's Stateme	nt of Reasons for Allo	wance				
·		9.						
/J. S./		/Michael G. Hartley/						
Examiner, Art Unit 1618		Supervisory Patent Exa	miner, Art Unit 1618	3				

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SUPPLEMENTAL EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jan Tittel on 11/07/2011and 12/14/2011.

The application has been amended as follows:

Claim 1 rewrite as follow

A pharmaceutical composition comprising a hydroxyapatite (HA) incorporating a parent alpha-emitting radionuclide selected from the group consisting of ²¹¹At, ²¹²Bi, ²²³Ra, ²²⁵Ac, and ²²⁷Th or a parent beta-emitting radionuclide ²¹²pb, ²¹¹pb, ²¹³Bi, or ²²⁵Ra, wherein the HA retains at least 70% of the activity attributable to the daughter radionuclide after the decay of the parent radionuclide.

Claim 15 rewrite as follow:

A pharmaceutical composition as claimed in claim 1, wherein the composition comprises a physiologically acceptable carrier.

Claims 12-14 and 24-29 are cancelled.

Reasons for allowance

The following is an examiner's statement of reasons for allowance: The closet prior art found was that which was cited in the previous office action filed on 05/20/2011, but fails

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to specifically disclose or render obvious a stable hydroxyapatite composition wherein the HA retains at least 70% of the activity attributable to the daughter radionuclide after the decay of the patent radionuclide as recited in claim 1. The claimed subject matter is not taught or suggested by the cited reference and thus, the claimed subject matter is considered to be novel and patentably distinct over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAGADISHWAR SAMALA whose telephone number is (571)272-9927. The examiner can normally be reached on 8.30 A.M to 5.00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Hartley can be reached on (571)272-0616. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael G. Hartley/ Supervisory Patent Examiner, Art Unit 1618 /J. S./ Examiner, Art Unit 1618